IN THE CLAIMS:

Please cancel claim 7 and amend claims 1-6 and 10 as follows:

1. (Currently Amended) A method of locating multiple passive electronic marker types,[[;]] said method comprising:

simultaneously transmitting a signal at each of a plurality of frequencies;

simultaneously receiving a signal from a plurality of markers; and

determining a marker type for each of the plurality of markers based upon said receiving.

2. (Currently Amended) The method as claimed in claim 1, wherein said determining a marker type includes[[:]] determining a frequency distribution of a received signal.

3. (Currently Amended) The method as claimed in claim 2, wherein said determining a frequency distribution includes[[:]] passing the received signal through a plurality of parallel narrow-band filters.

4. (Currently Amended) The method as claimed in claim 2, wherein said determining a frequency distribution includes[[:]] performing a Fourier Transform on the received signal.

5. (Currently Amended) The method as claimed in claim 2, wherein said determining a frequency distribution includes[[:]] performing synchronous detection on the received signal.

6. (Currently Amended) The method as claimed in claim 5, wherein said performing synchronous detection comprises [[:]] sequentially processing the received signal with in-phase and phase-shifted reference frequencies.

7. (Canceled)

8. (Original) The method as claimed in claim 1, further comprising displaying the identity of a located marker responsive to said determining.

9. (Original) The method as claimed in claim 1, further comprising displaying a received signal strength for all marker types.

10. (Currently Amended) A method of locating multiple passive electronic marker types; said method comprising:

~~sequentially~~ simultaneously transmitting ~~and receiving~~ at each of a plurality of marker type frequencies;

simultaneously receiving a signal at each of a plurality of marker type frequencies; and

determining an amplitude value for each marker type frequency received responsive to said ~~sequentially~~ simultaneous transmitting and receiving.

11. (Original) The method as claimed in claim 10, further comprising displaying a marker type associated with the greatest amplitude value responsive to said determining.

12. (Original) The method as claimed in claim 10, including displaying an amplitude value for each marker type.

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